

Aileena Xie

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EDUCATION

McGill University

B.S. Computer Science, GPA: 3.77/4.00

Societies: McGill Women In Computer Science

Sept. 2022 - May 2026

Montreal, QC

SKILLS

Languages: JavaScript/TypeScript, Java, Python, C, SQL, Bash

Tools: Git, Unix Shell, Maven, Postman

Frameworks: Flask, Spring, React, Angular, Docker

EXPERIENCE

Coveo Solutions | Software Developer Intern

Montreal, QC

Sept. 2024 – Dec. 2024

- Developed a new full-stack feature allowing users to effectively manage their Coveo solution on the admin console using **React** and **Spring**
- Designed and implemented a granular user privilege system with **Terraform** and **SQL** to reduce bugs and ensure proper admin console access control

Intact Financial Corporation | Software Developer Intern

Montreal, QC

May. 2024 – Aug. 2024

- Contributed to the development of the self-serve application using **Angular** and **Spring** to fully automate the process of obtaining insurance quotes in Ontario
- Replaced legacy flows and pages with a new component-based architecture for easier scalability across different brands

Royal Bank Of Canada | Developer Intern

Montreal, QC

Sept. 2023 – Dec. 2023

- Re-platformed and developed a RESTful API for the Manage Payees feature of the online banking services using **Angular** and **Spring**
- Developed an automated feature to raise a GitHub issue when a repository is missing a valid CodeOwners file leveraging **GitHub API**, **TypeScript** and **NestJS** to encourage all back end developers within the company to adopt best practices
- Showcased the team's project to key decision-makers, contributing to the project's success from a business perspective

PROJECTS

BathroomBreak | Places API, React, Tailwind, JavaScript

- Designed and developed an interactive map for locating gender-neutral bathrooms, menstrual products, accessible stalls, and showers across McGill University

Crypto Bot | OpenAI API, Flask, HTML, CSS, Python

- Implemented a chat bot leveraging the OpenAI API to fine-tune an NLP model for cryptocurrency-related inquiries
- Won the Tower Research Capital LLC. Challenge at McHacks 2023, a competition with hundreds of participants

LEADERSHIP AND EXTRACURRICULAR

McWiCS | Executive - Hackathon Director

- Organizing Hack McWiCS with over a hundred anticipated participants, overseeing logistics, sponsorships and event coordination
- Coordinated workshops for beginner coders to encourage participation in the upcoming Hackathon

McGill CodeJam | Web Developer

- Developed a full-stack registration system which allowed hundreds of participants to sign up for the hackathon using **Express.js** and **React**
- Coordinated logistics for a successful hackathon and participated in project judging alongside sponsors

Girls Who Code McGill | Facilitator

- Conducted sessions to students at Sacred Heart High School about the basics of **Python** with the aim of encouraging young women to pursue careers in the tech industry